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PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 105557 )  
Applicant: Thomas E. Mallouk et al. )  
Examiner: Unknown  
Group Art Unit: .

Title: METHOD OF SCREENING COMPOSITIONS FOR ELECTROCATALYTIC ACTIVITY IN A GAS DIFFUSION ELECTRODE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

IN THE CLAIMS:

Please amend Claims 1, 3, 13, 17 and 25.

1. 1. (Amended) A combinatorial screening apparatus comprising:

- a cell body containing a fluid inlet;
- a fluid permeable, conductive, catalyst array support positioned adjacent to the cell body, said catalyst array support having multiple locations for supporting solids;
- a catalyst mask positioned adjacent to the catalyst array support, said catalyst mask defining holes arranged in alignment with the multiple locations for supporting solids of the catalyst array support; and
- a cell cover positioned adjacent to the catalyst array support, said cell cover defining an opening for monitoring of the solids.

3. (Amended) The apparatus of Claim 1 further comprising a diffuser positioned between the catalyst array support and fluid inlet of the cell body.

13. (Amended) A combinatorial screening apparatus comprising:

- a catalyst array support backing;